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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Charlet et al.	Group Art Unit: 2171
Serial No.: 10/758,890	Examiner: Shahid Al Alam
Filed: January 16, 2004	
Title: APPARATUS, SYSTEM, AND METHOD FOR DEFINING A METADATA SCHEMA TO FACILITATE PASSING DATA BETWEEN AN EXTENSIBLE MARKUP LANGUAGE DOCUMENT AND A HIERARCHICAL DATABASE	
Attorney Docket No.: SVL920030111US1	
Commissioner for Patents Washington, DC. 20231	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants wish to bring to the Examiner's attention that US Patent App. No. 10/758,890 includes similar subject matter, is commonly owned, and/or includes common inventors with US Patent App. No. 10/759,601.

While Applicants do not believe that the associated applications, or the art of record, in the associated applications are material to patentability, Applicants invite the Examiner to review these associated applications on USPTO electronic PAIR system to reach his/her own conclusion should the Examiner be so inclined.

This Information Disclosure Statement is submitted:

  X   under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

- \_\_\_\_\_ under 37 CFR 1.97(c) together with either a:
- \_\_\_\_\_ Statement under 37 CFR 1.97(e), or
  - \_\_\_\_\_ a \$180.00 fee under 37 CFR 1.17(p), or
- (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- \_\_\_\_\_ under 37 CFR 1.97(d) together with a:
- \_\_\_\_\_ Statement under 37 CFR 1.97(e), and
  - \_\_\_\_\_ a \$180.00 fee set forth in 37 CFR 1.17 (p).
- (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- \_\_\_\_\_ under 37 CFR 1.97(e),
- \_\_\_\_\_ each item of information contained herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
  - \_\_\_\_\_ no item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application nor was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

JP2003256455

ABSTRACT:

PROBLEM TO BE SOLVED: To provide an XML document storage/retrieval device capable of generating SQL inquiry according to RDB schema structure by reducing the storage cost for the XML document and the retrieval cost for the XML document. SOLUTION: XML-RDB mapping rule generation performing means 12 generates an XML-RDB mapping rule for storing XML document element not to be retrieved as it is from the XML schema description in an XML schema description language and the structural information of the XML document element to be retrieved. An XML document storage means 13 stores the XML document on the basis of the mapping rule, and an XML document retrieving means 14 generates retrieval, XML inquiry-SQL transformation rule to thereby efficiently store/retrieve the XML document.

  X   Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention, Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

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Date: 11/20/2007

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